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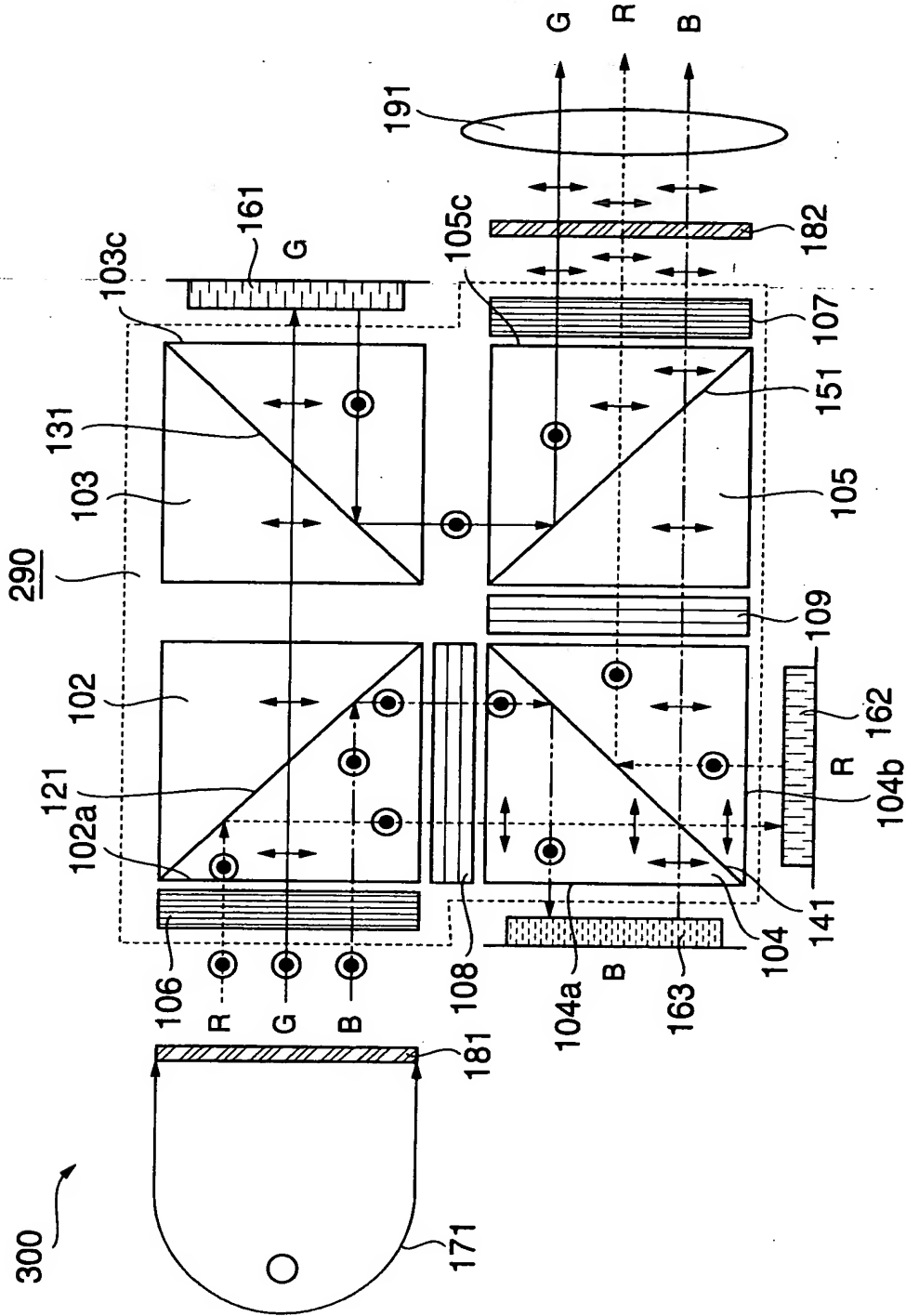
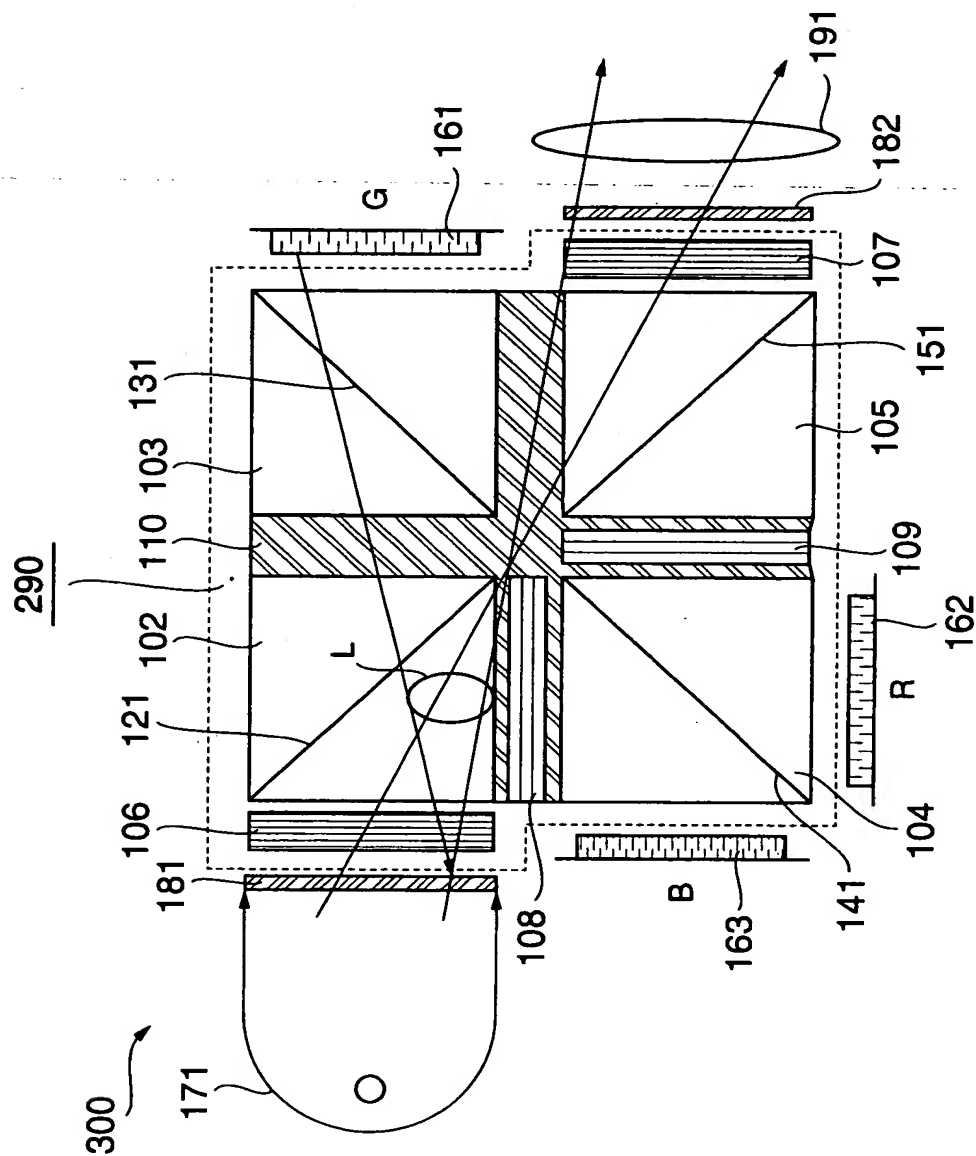


FIG.1 (RELATED ART)

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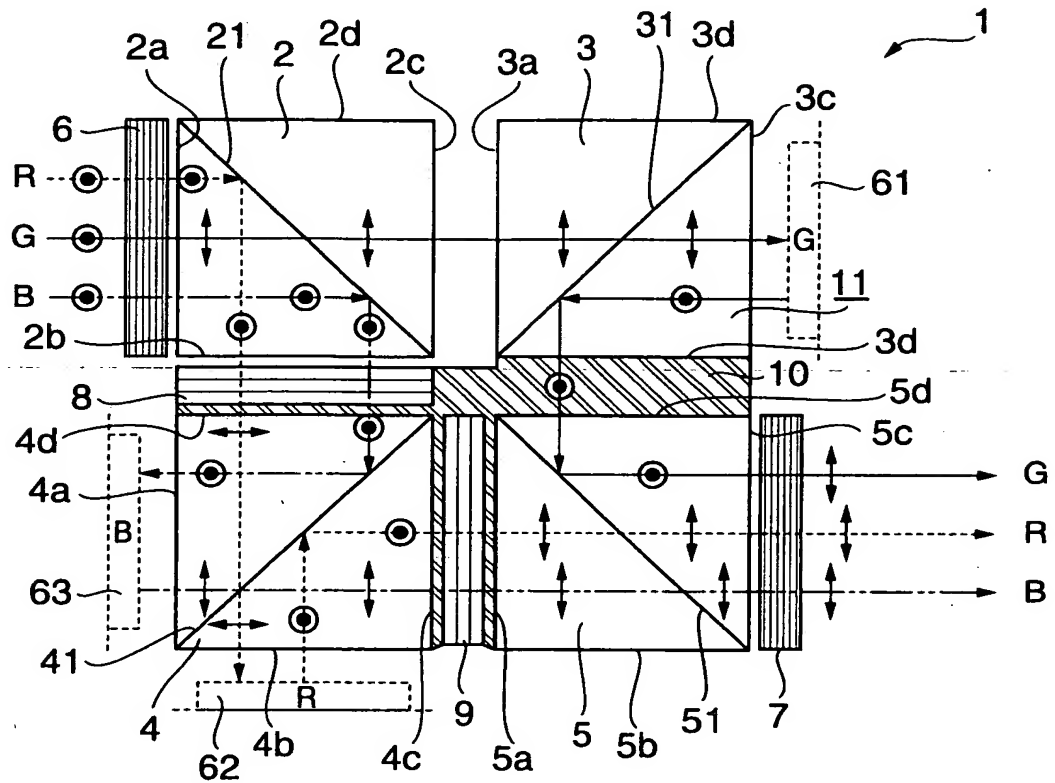


FIG.3

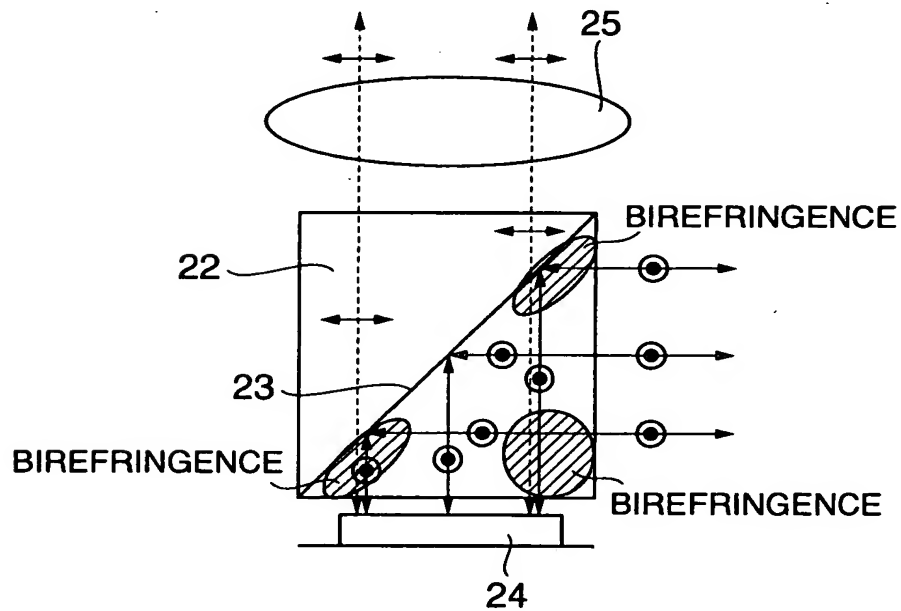


FIG.4

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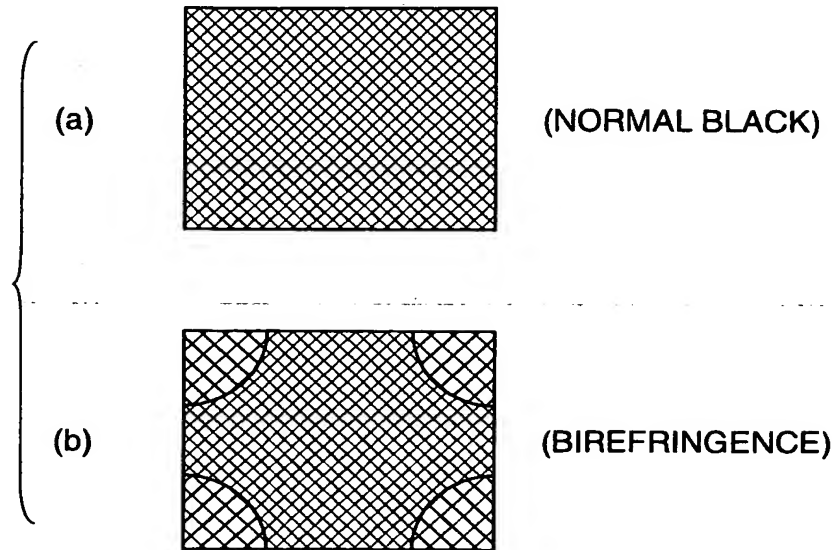


FIG. 5

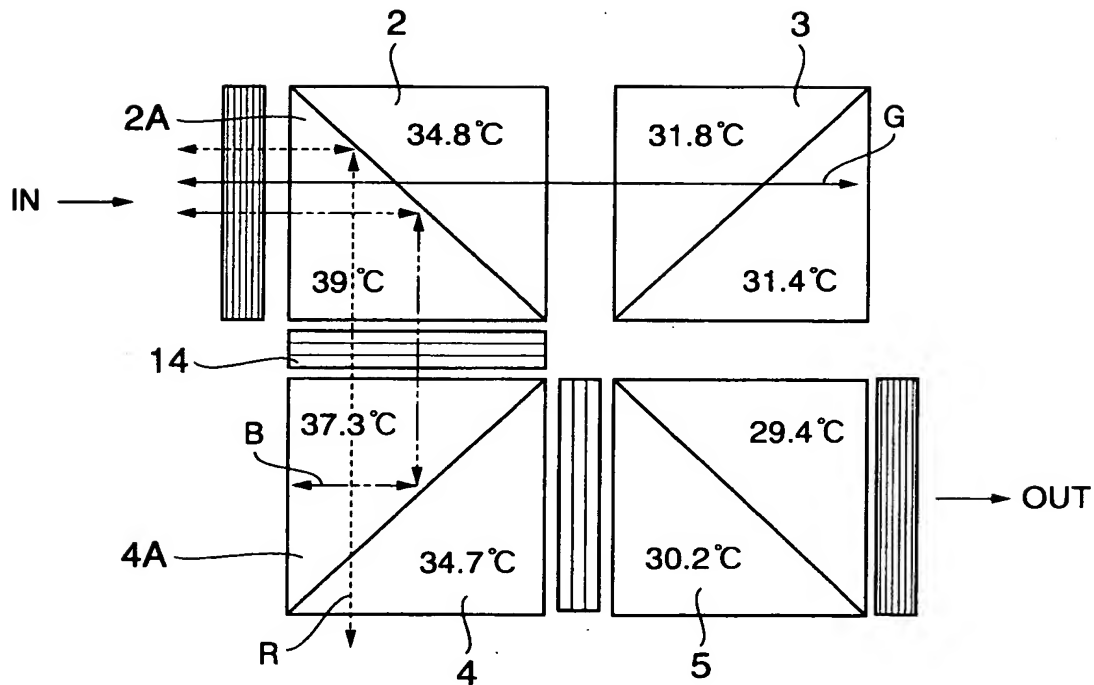


FIG. 6

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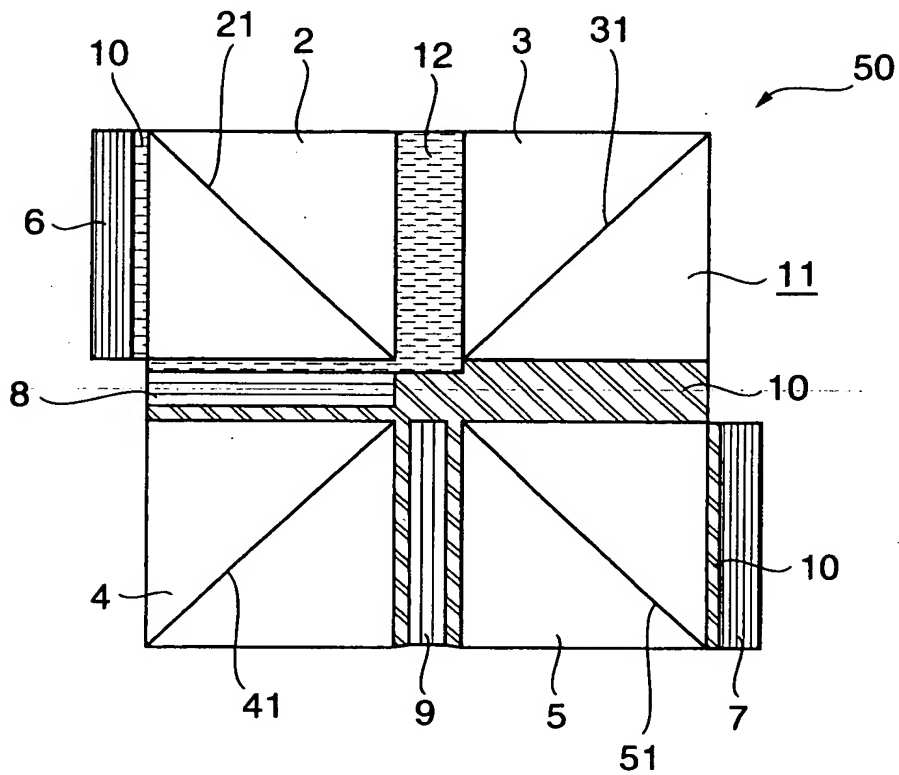


FIG. 7

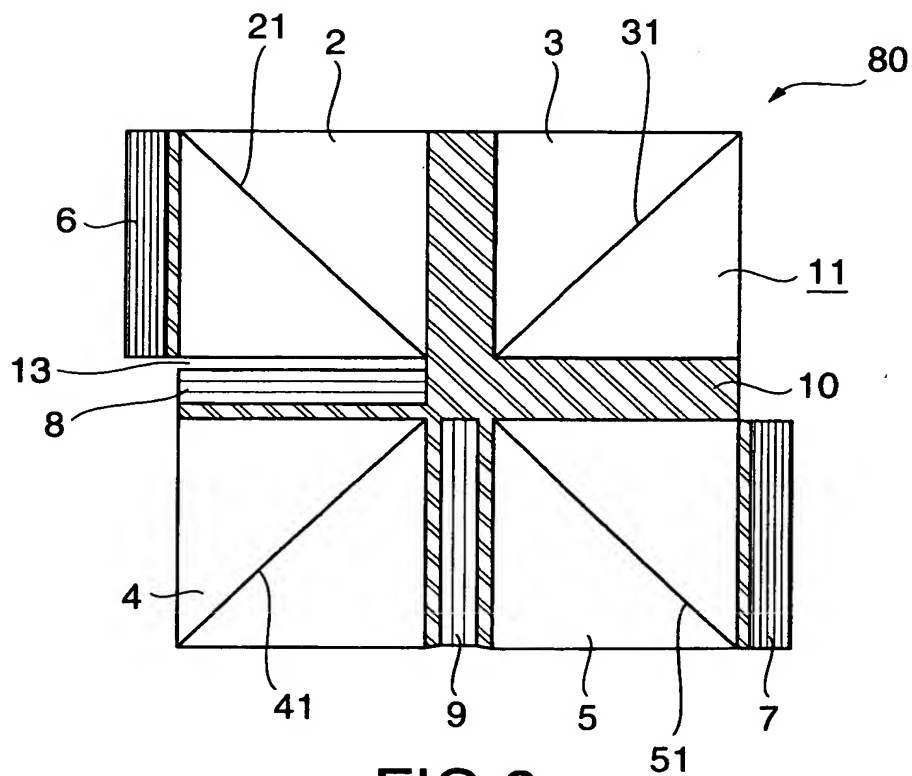


FIG. 8

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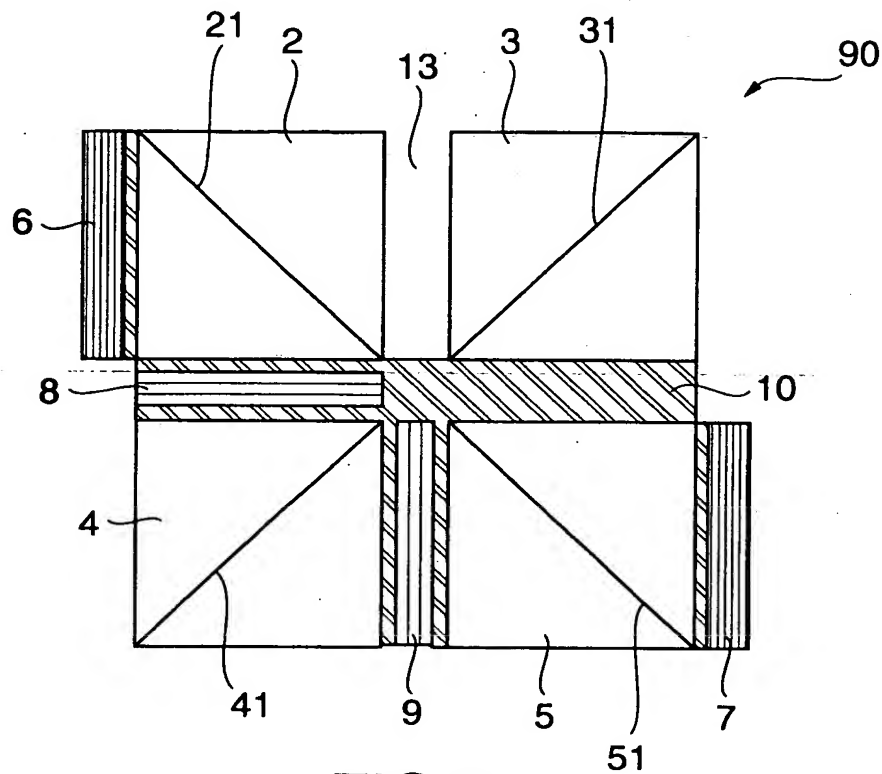


FIG.9

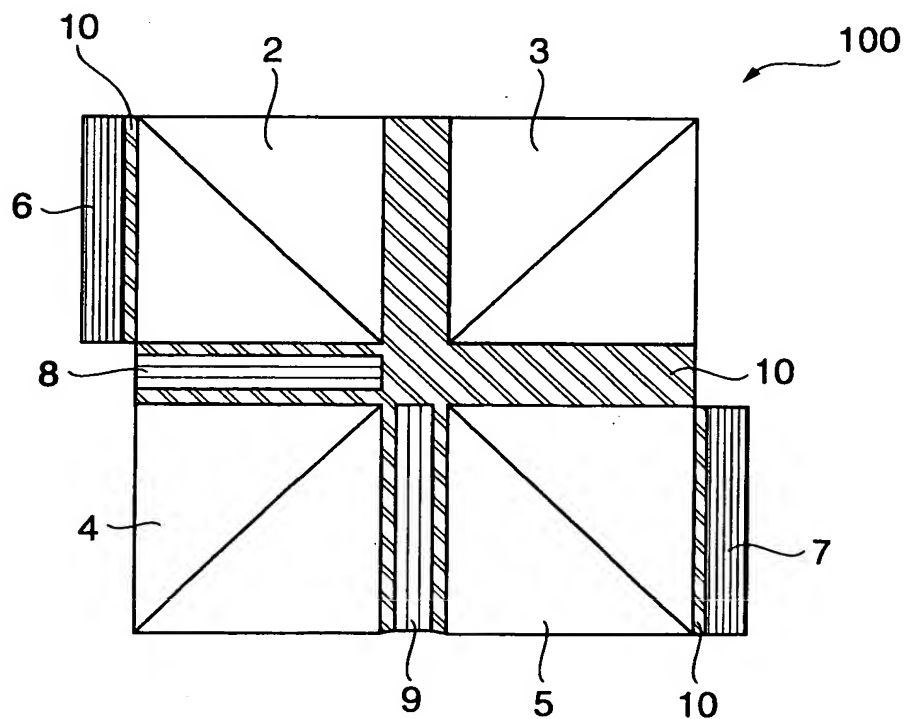


FIG.10

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LIGHT SOURCE	SAMPLE	PBS-OPTO-ELASTIC CONSTANT (10 <sup>-8</sup> cm <sup>2</sup> /N)				RESULTS
		1ST	2ND	3RD	4TH	
100 W	SAMPLE 1	2.77(BK7)	2.77(BK7)	2.77(BK7)	2.77(BK7)	△
	SAMPLE 2	1.8(SF1)	2.77(BK7)	2.77(BK7)	2.77(BK7)	○
	SAMPLE 3	1.36(SF4)	2.77(BK7)	2.77(BK7)	2.77(BK7)	◎
150 W	SAMPLE 4	2.77(BK7)	2.77(BK7)	2.77(BK7)	2.77(BK7)	×
	SAMPLE 5	1.8(SF1)	1.8(SF1)	1.8(SF1)	2.77(BK7)	△
	SAMPLE 6	1.36(SF4)	1.36(SF4)	1.36(SF4)	2.77(BK7)	○
	SAMPLE 7	1.36(SF4)	1.8(SF1)	1.8(SF1)	2.77(BK7)	○
	SAMPLE 8	0.65(PBH6W)	2.62(SF2)	2.62(SF2)	2.62(SF2)	○
	SAMPLE 9	0.65(PBH6W)	1.8(SF1)	1.8(SF1)	2.62(SF2)	◎
200 W	SAMPLE 10	1.8(SF1)	1.8(SF1)	1.8(SF1)	1.8(SF1)	×
	SAMPLE 11	0.65(PBH6W)	2.62(SF2)	2.62(SF2)	2.62(SF2)	△
	SAMPLE 12	0.65(PBH6W)	1.8(SF1)	1.8(SF1)	2.62(SF2)	○
	SAMPLE 13	0.65(PBH6W)	0.65(PBH6W)	0.65(PBH6W)	2.62(SF2)	◎
	SAMPLE 14	0.03(PBH55)	0.65(PBH6W)	0.65(PBH6W)	0.65(PBH6W)	◎
	SAMPLE 15	0.03(PBH55)	0.03(PBH55)	0.03(PBH55)	2.62(SF2)	◎

FIG.11

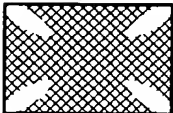
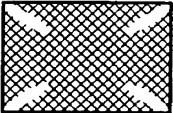
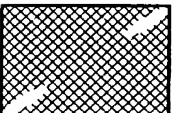
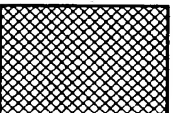
(GRADE)	(EVALUATION CRITERIA)
	× USELESS DUE TO MUCH BIREFRINGENCE
	△ USEFUL ONLY FOR LOW-QUALITY PROJECTION DISPLAY
	○ BIREFRINGENCE NOTICED BY CLOSE OBSERVATION
	◎ NO BIREFRINGENCE OBSERVED

FIG.12

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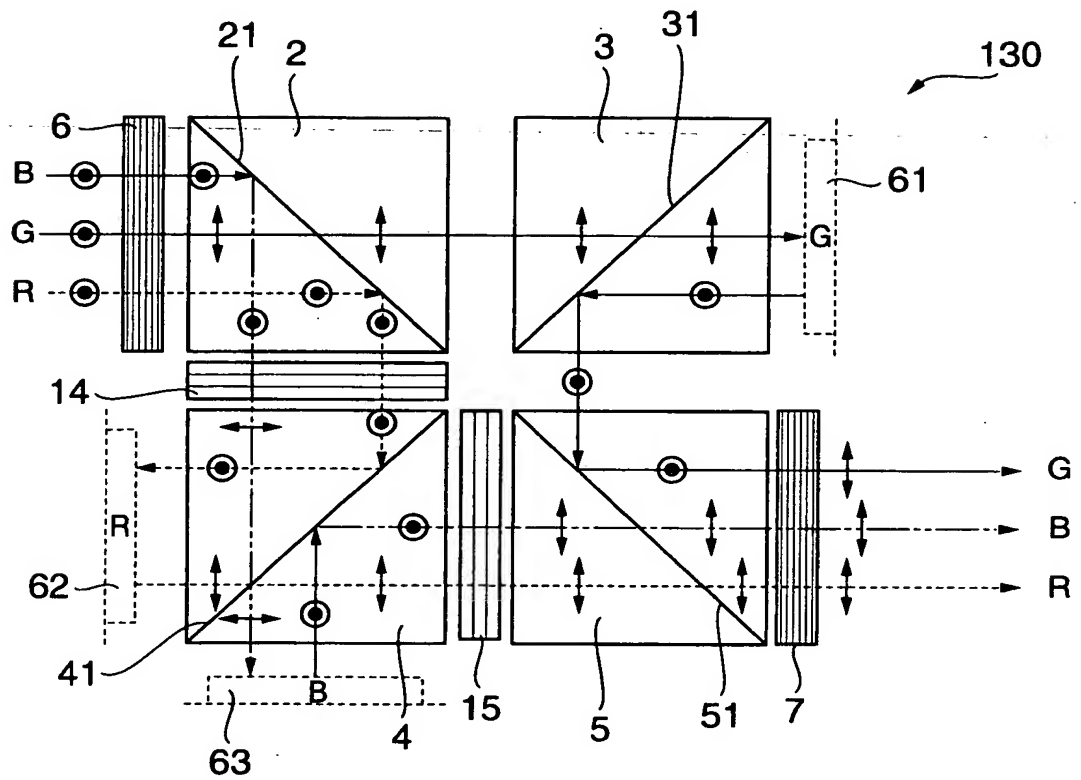


FIG.13



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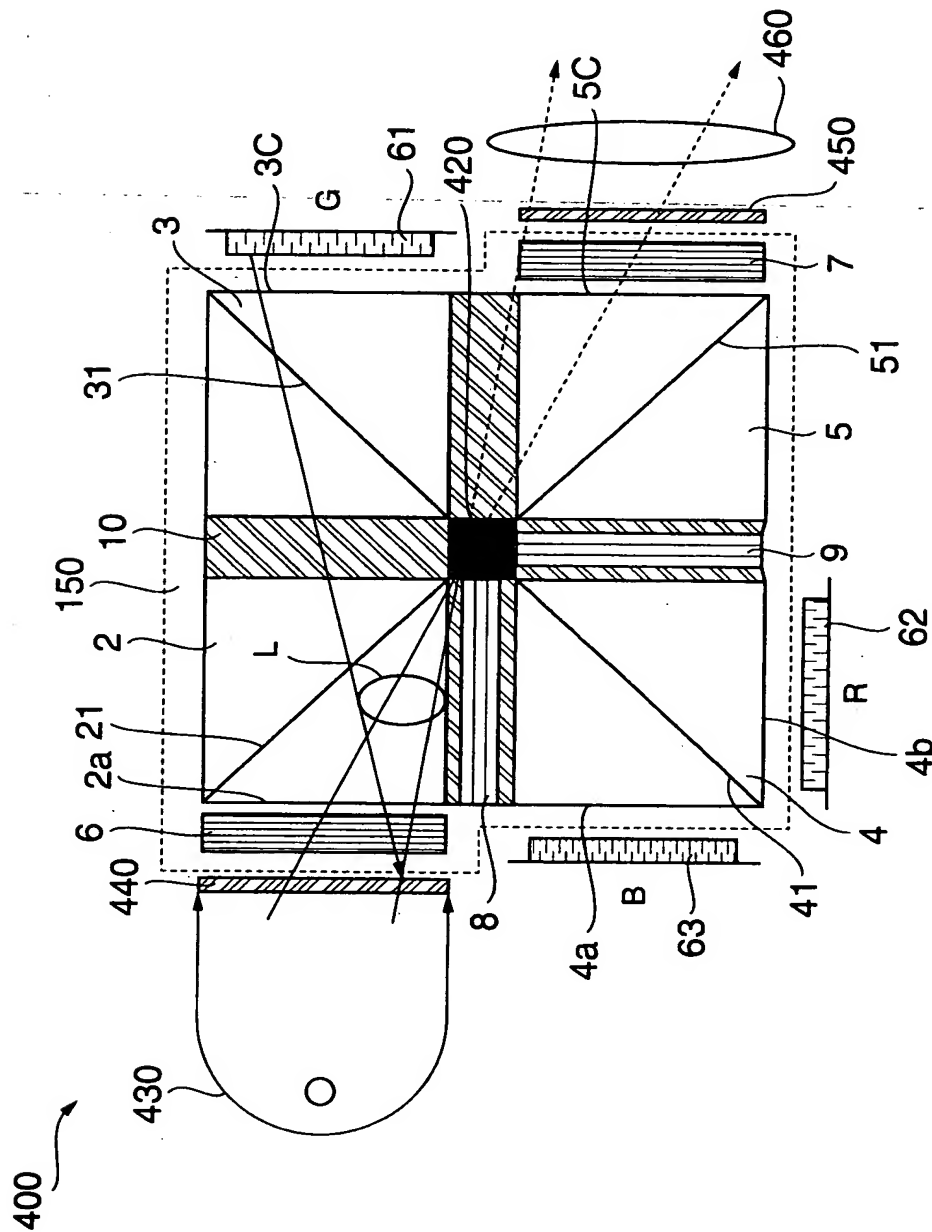


FIG.14

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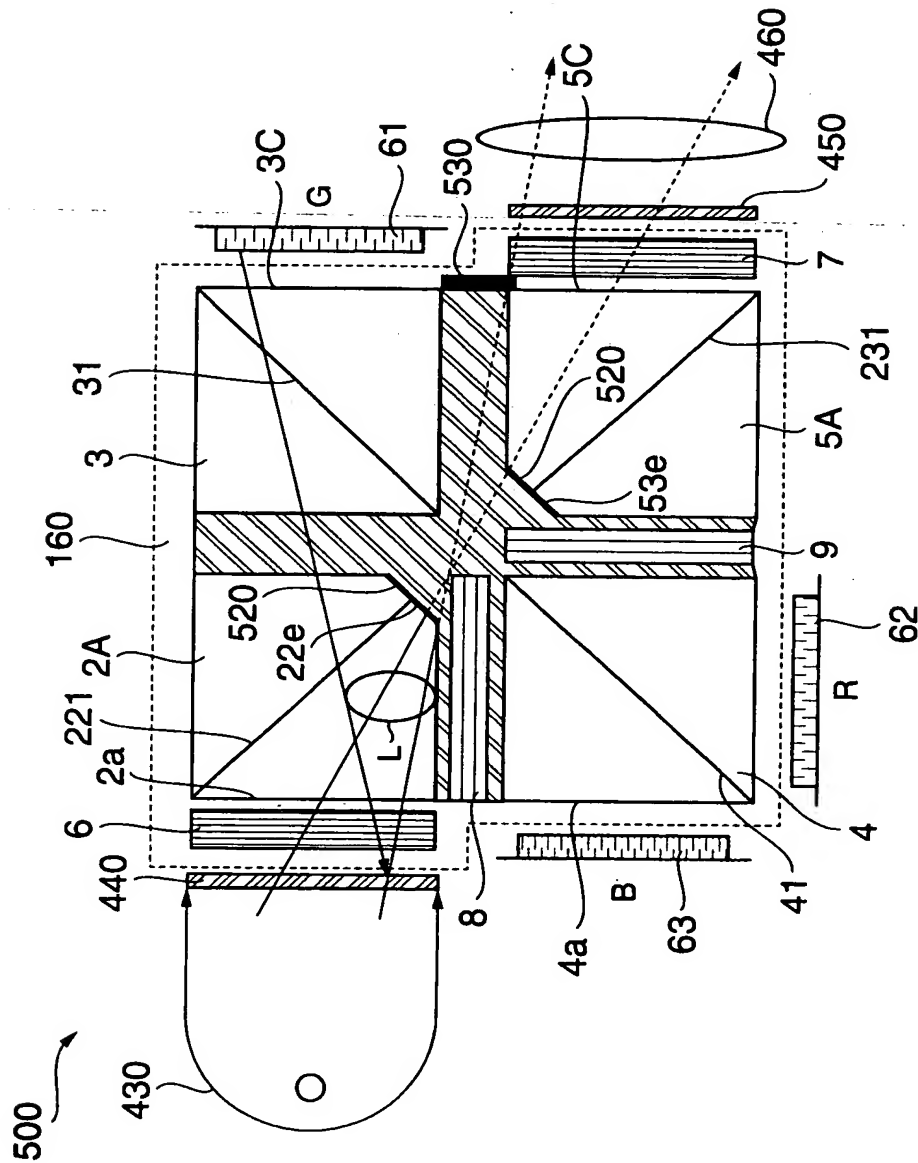


FIG.15

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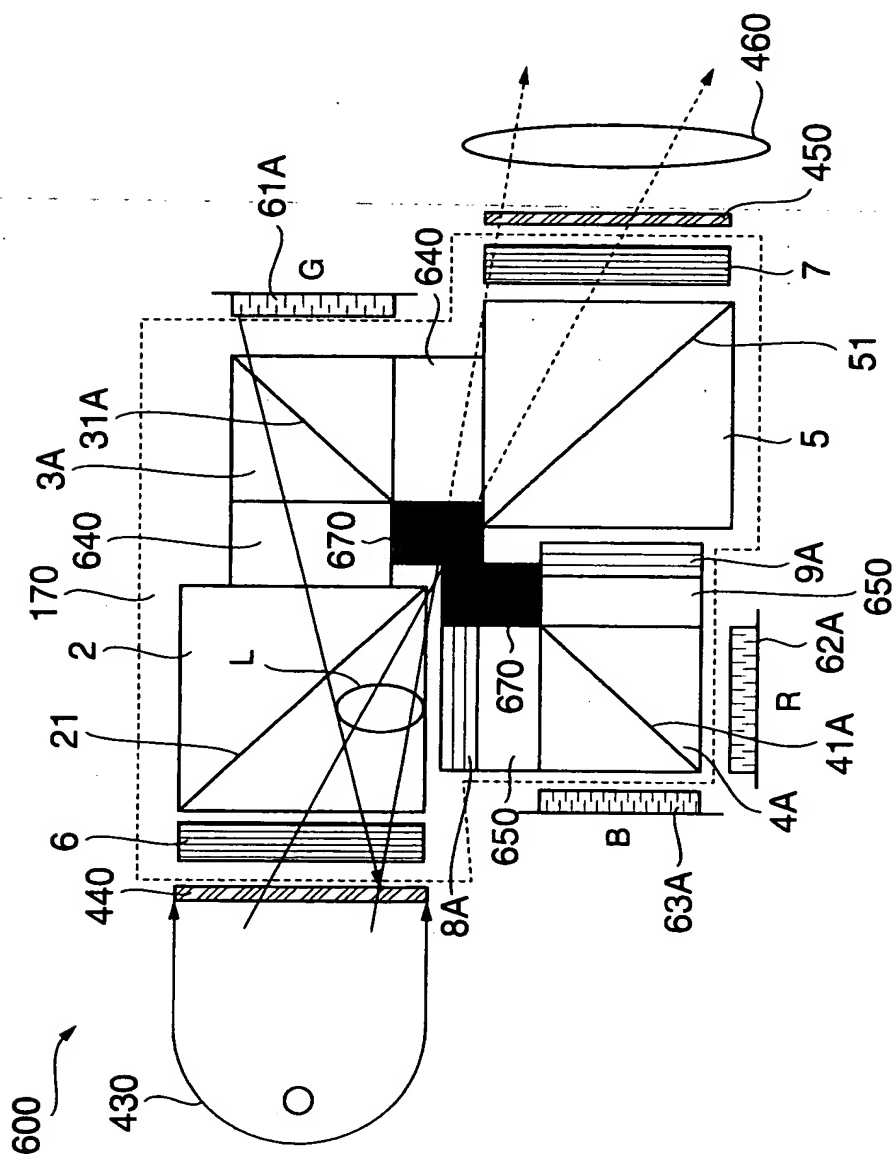
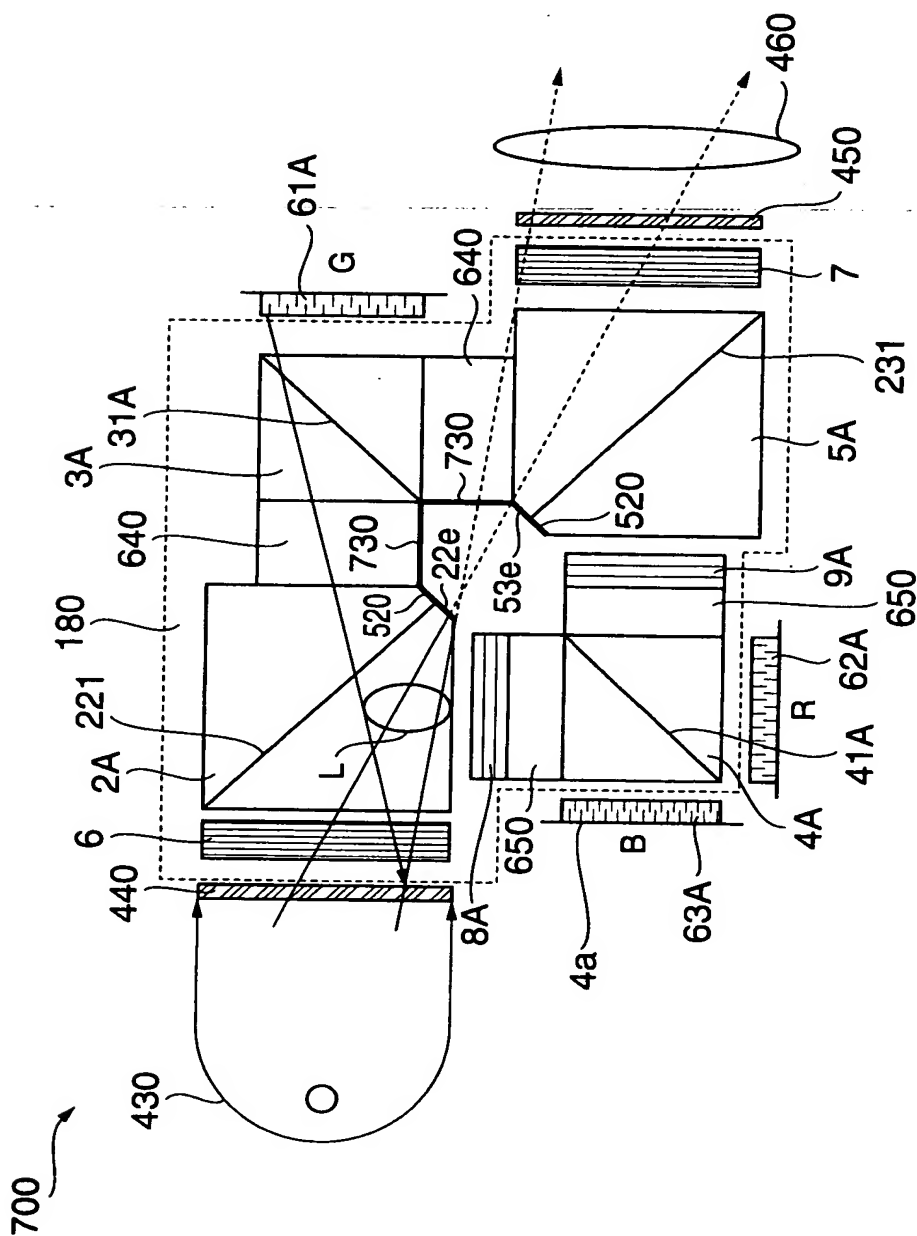


FIG.16

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**FIG. 17**